

EXHIBIT 1

1. Unmanned Aircraft System (UAS): An unmanned aircraft along with the associated equipment necessary to control it remotely.

a. Description, quantity, capabilities, and purchase cost of current UAS:

i. DJI MAVIC MINI, cost: \$500 (grant funding), quantity: 2. Miniature UAS that weighs approximately 249 grams and is able to record video and audio with approximately 30 minutes of flight time.

ii. DJI MAVIC ENTERPRISE DUALS, cost: \$3,500 (grant funding), quantity: 4. UAS that has a color and infrared camera as well as audible speaker and light. Capable of video recording and weighs 899 grams, approx. 30 minutes of flight time.

iii. DJI Matrice 210 V2, cost: \$10,410 (grant funding), quantity: 1. UAS that is foul weather capable has a dual downward gimbal, has an IR camera, zoom camera and light. Has video recording capabilities approx. 11 pounds. 45 minutes of flight time.

iv. DJI Matrice 300 RTK, cost: \$11,349 (grant funding), quantity: 1. UAS that is foul weather capable and has dual gimbal, has an IR camera, zoom camera and light. Has video recording capabilities and is approx. 14 pounds. Has 55 minutes of flight time.

b. Purpose

Unmanned aerial systems (UAS) are necessary as they provide visibility to high risk locations. Without the use of a UAS, officers would have to deploy to high risk locations which would increase the risk to the officers and members of the public.

To be deployed when its view would assist officers or incident commanders with the following situations, which include but are not limited to:

- i. major collision investigations.
- ii. search for missing persons.
- iii. natural disaster management.
- iv. crime scene photography.
- v. SWAT, tactical or other public safety and life preservation missions.

c. Authorized Use

Only assigned operators who have completed the required training shall be permitted to operate the DJI Mavic Mini during approved missions.

d. Expected Life Span

All UAS equipment, 3-5 years.

e. Fiscal Impact

Annual maintenance and battery replacement cost is approximately \$10,000.

f. Training

All Department UAS operators are licensed by the Federal Aviation Administration for UAS operation. In addition, each operator must attend on going department training.

g. Legal and Procedural Rules

Use is established under Milpitas Policy Manual Section 456 and FAA Regulation 14 CFR Part 107. It is the policy of the Milpitas Police Department to utilize UAS only for official law enforcement purposes, and in a manner that respects the privacy of our community, pursuant to State and Federal law.

2. Robots: Unmanned machine operating on the ground utilized to enhance the safety to the community and officers.

a. Description, quantity, capabilities, and purchase cost

i. Robotex Avatar II, cost: \$19,406 (grant funding), quantity: 1. The AVATAR II enables law enforcement to remotely inspect dangerous situations and gather video and audio intelligence including direct-to-unit video and audio recording, a touchscreen display, increased durability, and secure Wi-Fi networking. With these capabilities' officers will be better equipped to remotely gather intelligence and keep themselves and their teams safe from harm.

ii. ICOR Mini Caliber, cost: \$48,500 (general funds), quantity: 1. Lightweight, modular and one-man portable, the robot is designed for rapid deployment, is simple to operate and quick to deploy for searching rooms, hallways, stairwells and confined spaces. It also includes an extendible rotating claw arm that simplifies opening door handles providing protection and safety to their operators.

b. Purpose

To be used to remotely gain visual/audio data, deliver HNT phone, open doors, disrupt packages, and clear buildings.

c. Authorized Use

Only assigned operators who have completed the required training shall be permitted to operate the robots identified at sections 2(a)(i) through (ii). Use is established by the SWAT Team Leader and or Incident Commander.

d. Expected Life Span

All robots, 8-10 years.

e. Fiscal Impact

Annual maintenance and battery replacement cost is approximately \$5,000.

f. Training

All robot operators must complete an inhouse training program prior to operating the robots identified at sections 2(a)(i) through (ii).

g. Legal and Procedural Rules

It is the policy of the Milpitas Police Department to utilize a robot only for official law enforcement purposes, and in a manner that respects the privacy of our community, pursuant to State and Federal law.

3. Armored Vehicles: Commercially produced wheeled armored personnel vehicle utilized for law enforcement purposes.

a. Description, quantity, capabilities, and purchase cost

i. 2018 LENCO BEARCAT MEDEVAC, G2, cost: \$388,800 (general capital improvement project), quantity: 1. The Lenco BearCat Medevac, also known as the MedCat, was designed to meet the combined requirements of SWAT & Tactical EMS Teams. The Medevac can be used as an armored Response & Rescue SWAT truck for dangerous callouts and is equipped to provide Tactical EMS with a safe & effective environment to deal with trauma cases. It seats 10-12 personnel with open floor plan that allows for rescue of down personnel. It can stop various projectiles, which provides greater safety to citizens and officers beyond the protection level of shield and personal body armor.

b. Purpose

To be used in response to critical incidents to enhance officer and community safety, improve scene containment and stabilization, and assist in resolving critical incidents.

c. Authorized Use

The Medevac is primarily used for Special Weapons and Tactics Team (SWAT) incidents safe transport of SWAT personnel to and from critical incidents, high risk rescue operations, training, and to provide emergency medical staff and/or Tactical Emergency Medicine (TEM) personnel a safe working environment, delivering equipment, and other rescue capabilities. It may also be used for community engagement efforts and other applications deemed appropriate based on the specific circumstances of a given incident. Armored vehicles shall be used only by officers trained in their deployment and in a manner consistent with Department policy and training.

d. Lifespan

Lenco Bearcat Medevac G2, 25 years.

e. Fiscal Impact

Annual maintenance cost of approximately \$10,000

f. Training

All driver/operators shall attend formalized instruction and be trained in vehicle operations and practical driving instruction.

g. Legal and Procedural Rules

Use is established under Milpitas Policy Manual Section 707. It is the policy of the Department to utilize armored vehicle only for official law enforcement purposes, and pursuant to State and Federal law.

4. Mobile Incident Command Vehicle (MIC): A mobile office that provides shelter, access to Police Department computer systems, and restroom facilities on extended events.

a. Description, quantity, capabilities, and purchase cost

i. 1998 Winnebago Adventurer (custom built) vehicle, cost: \$133,166 (unknown), quantity:

1. The MIC can also be utilized for SWAT/CNT and other critical incidents, preplanned large events, searching for missing persons, natural disasters, and community events.

ii. TBD (custom build) vehicle, estimated cost: \$1,250,00.00 (general capital improvement project),, quantity: 1. The MIC will be used by the Police and Fire Departments during critical incidents, preplanned large events, searching for missing persons, natural disasters, and community events.

b. Purpose

To be used based on the specific circumstances of a given critical incident, large event, natural disaster or community event that is taking place.

c. Authorized Use

The MIC shall be used by personnel trained in their deployment and in a manner consistent with Department policy and training. Furthermore, only personnel who have completed the Departmental Training and who are properly licensed will be allowed to drive the MIC.

d. Lifespan

The MIC estimated 25-year lifespan on chassis and vehicle structure. Upgrades needed in 6 years to maintain IT systems.

e. Fiscal Impact

Annual maintenance cost is approximately \$10,000.

f. Training

The driver/operator shall receive training in the safe handling of the vehicle on a closed training course. Once the operator has shown competence in vehicle handling, the driver/operator will drive the vehicle throughout the city with an experienced driver.

g. Legal and Procedural Rules

It is the policy of the Department to use the MIC only for official purposes, and in accordance with California State law regarding the operation of motor vehicles.

5. 40 MM Launchers and Rounds: 40MM Launchers are utilized by department personnel as a less lethal tool to launch impact rounds.

a. Description, quantity, capabilities, and purchase cost

i. DEFENSE TECHNOLOGY, 40MM SINGLE SHOT LAUNCHER, #1425, cost: \$810 (general funds), quantity: 6. The 40MM Single Launcher is a tactical single shot launcher

that features an adjustable Integrated Front Grip (IFG) with a rail mounted holographic sight. It will fire standard 40mm less lethal ammunition, up to 4.8 inches in cartridge length. It will launch a 40MM less lethal round up to 131 feet and is only authorized to be used by trained personnel.

iii. DEFENSE TECHNOLOGY, 40MM EXACT IMPACT SPONGE, #6325, cost: \$18 (general funds), quantity: 25. A less lethal 40mm lightweight plastic and foam projectile fired from a single or multi-round purpose built 40mm launcher with a rifled barrel at 325 FPS. The 30-gram foam projectile delivers 120 ft/lbs. of energy on impact. The 40mm Exact Impact Sponge Round provides accurate and effective performance when fired from the approved distance of not less than five (5) feet and as far as 131 feet from the target.

iv. DEFENSE TECHNOLOGY, 40MM DIRECT IMPACT MARKING ROUNDS, #6326, cost: \$30 (general funds), quantity: 7. A less lethal 40MM lightweight plastic and crushable foam projectile fired from a single or multi-round purpose-built 40mm launcher with a rifled barrel at 295 FPS. The 39-gram crushable foam projectile delivers 120 ft/lbs of energy upon impact in addition to dispersion of 5 grams of OC irritant. The 40mm Direct Impact Round provides accurate and effective performance when fired from the approved distance of not less than five (5) feet and as far as 120 feet from the target. When loaded with a green marking agent, the Direct impact Round can be used to indicate the aggressor in a riot situation to the teams on the ground.

iii. DEFENSE TECHNOLOGY, 40MM DIRECT IMPACT RELOADABLE 250 SHOT TRAINING KIT, #6530, cost: \$1300(general funds), quantity: 1. The Direct Impact Reloadable Training Kit allows realistic training to be conducted at a fraction of the cost of using operational rounds. These reusable projectiles can be reloaded by hand in the field in less than 10 seconds without the need for presses or other reloading equipment. These rounds are not for use on humans.

vi. DEFENSE TECHNOLOGY, SPEDE-HEAT 40MM LONG-RANGE, CS, #6182, cost: \$30 (general funds), quantity: 40. The SPEDE-HEAT CS Long-Range Munitions delivers one chemical canister of CS agent from a 40 mm launcher down range up to 150 yards. The Spede-Heat is a pyrotechnic round designed specifically for outdoor use in riot situations with a high-volume continuous burn that expels its payload in approximately 20-40 seconds from a single source. The Spede-Heat family may be used to conceal tactical movement.

v. DEFENSE TECHNOLOGY, FERRETT 40MM POWDER BARRICADE ROUND, CS, #1292/2292, cost: \$30 (general funds), quantity: 15. A less lethal 40MM round used to penetrate barriers, such as windows, hollow core doors, wallboard and thin plywood. Upon impacting the barrier, the nose cone ruptures and instantaneously delivers a small

chemical payload inside of a structure or vehicle. In a tactical deployment situation, the 40mm Ferret is primarily used to dislodge barricaded subjects from confined areas. Its purpose is to minimize the risks to all parties through pain compliance, temporary discomfort and/or incapacitation of potentially violent or dangerous subjects.

vi. DEFENSE TECHNOLOGY, FERRETT 40MM POWDER BARRICADE TRAINING ROUND, INERT, #1293, cost: \$23 (general funds), quantity: 14. An inert training less lethal 40MM round used to penetrate barriers, such as windows, hollow core doors, wallboard and thin plywood. Upon impacting the barrier, the nose cone ruptures and instantaneously delivers an inert payload inside of a structure or vehicle. The 40mm inert Ferret round is primarily used to train personnel in the proper use of its deployment.

vii. DEFENSE TECHNOLOGY, FERRETT 40MM LIQUID BARRICADE TRAINING ROUND, INERT, #1263, cost: \$23 (general funds), quantity: 15. An inert training less lethal 40MM round used to penetrate barriers, such as windows, hollow core doors, wallboard and thin plywood. Upon impacting the barrier, the nose cone ruptures and instantaneously delivers an inert payload inside of a structure or vehicle. The 40mm inert Ferret round is primarily used to train personnel in the proper use of its deployment.

viii. COMBINED SYSTEMS INC., 40MM SPONGE, SMOKLESS SPIN STABILIZED ROUND, #4557, cost: \$30 (general funds), quantity: 261. A spin-stabilized projectile delivering blunt trauma effect. Although it is extremely accurate and consistent, accuracy is dependent on the launcher. Effectiveness depends on many variables, such as distance, clothing, stature, and the point where the projectile impacts. Its purpose is to minimize the risks to all parties through pain compliance and/or incapacitation of potentially violent or dangerous subjects.

b. Purpose

To limit the escalation of conflict where employment of lethal force is prohibited or undesirable.

c. Authorized Use

Situations for use of the less lethal weapon systems may include, but are not limited to:

- i. Self-destructive, dangerous and/or combative individuals.
- ii. Riot and civil unrest incidents.
- iii. Circumstances where a tactical advantage can be obtained.
- iv. Potentially vicious animals.

v. Training exercises or approved demonstrations.

d. Training

Sworn members utilizing 40MM less lethal chemical agents or impact rounds are trained in their use by POST certified less lethal and chemical agents instructors.

e. Lifespan

Defense Technology #1425- 25 years.

Model 6325 Exact Impact Sponge- 5 years.

Model 6326 Direct Impact Marking Round OC- 5 years.

Model 6530 Direct Impact Reloadable Training Kit – Until Diminished

Model 6182 Spede-Heat 40 MM long-range, CS- 5 years.

Model 1292/2292 40mm Ferret Barricade Penetrator, CS – 5 years

Model 1293 40mm Powder Ferret Barricade Penetrator, Inert – 5 years

Model 1292/2292 40mm Liquid Ferret Barricade Penetrator, Inert – 5 years

CSI Model 4557 40mm Smokeless Sponge Round, 5 years

f. Fiscal Impact

Annual maintenance is approximately \$50 for each launcher.

g. Legal and Procedural Rules

It is the policy of the Department to utilize the 40mm only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.

6. Less Lethal Shotgun: Less Lethal Shotgun is used to deploy the less lethal 12-gauge Super-Sock Beanbag Round.

a. Description, quantity, capabilities, and purchase cost

i. REMINGTON 870 LESS LETHAL SHOTGUN, cost: \$946 (general funds), quantity: **35**. The Remington 870 Less Lethal Shotgun is used to deploy the less lethal 12-gauge Super-Sock Beanbag Round up to a distance of 75 feet. The range of the weapon system

helps to maintain space between officers and a suspect reducing the immediacy of the threat which is a principle of De-escalation.

ii. COMBINED SYSTEMS INC. SUPER-SOCK BEANBAG ROUND, #2581 cost: \$6 (general funds), quantity: 1200. A less lethal 2.4-inch 12-gauge shotgun round firing a ballistic fiber bag filled with 40 grams of lead shot at a velocity of 270-290 feet per second (FPS). CTS Super-Sock rounds are discharged from a dedicated 12-gauge shotgun that is distinguishable by an orange butt stock and fore grip. This round provides accurate and effective performance when fired from the approved distance of not fewer than five (5) feet. The maximum effective range of this munition is up to 75 feet from the target.

b. Purpose

To limit the escalation of conflict where employment of lethal force is prohibited or undesirable.

c. Authorized Use

Situations for use of the less lethal weapon systems may include, but are not limited to:

- i. Self-destructive, dangerous and/or combative individuals.
- ii. Riot and civil unrest incidents.
- iii. Circumstances where a tactical advantage can be obtained.
- iv. Potentially vicious animals.
- v. Training exercises or approved demonstrations.

d. Lifespan

Remington 870 Less Lethal Shotgun- 25 years.

Super Sock Round- No listed expiration date.

e. Fiscal Impact

Annual maintenance is approximately \$50 for each shotgun.

f. Training

All officers are trained in the 12 gauge less lethal shotgun as a less lethal option by in-service training.

g. Legal and Procedural Rules

It is the policy of the Department to utilize the less lethal shotgun only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.

7. Distraction Devices: A device used to distract dangerous persons.

a. Description, quantity, capabilities, and purchase cost

i. COMBINED TACTICAL SYSTEMS, 7290-2 NOISE FLASH DEVICE, cost: \$52 (general fund), quantity: 17. A non-bursting, non-fragmenting multi-bang device that produces a thunderous bang with an intense bright light. Ideal for distracting dangerous suspects during assaults, hostage rescue, room entry or other high-risk arrest situations.

ii. COMBINED TACTICAL SYSTEMS, 7290-9 NOISE FLASH DEVICE MULTI BURST, cost: \$60 (general fund), quantity: 6. A multi-bang, non-bursting, non-fragmenting multi-bang device that produces a thunderous bang with an intense bright light. Ideal for distracting dangerous suspects during assaults, hostage rescue, room entry or other high-risk arrest situations.

iii. DEFENSE TECHNOLOGY, 8902 NOISE FLASH DEVICE, LOW ROLE, cost: \$ 55 (general fund), quantity: 1. A non-bursting, limited movement and rolling, non-fragmenting device that produces a thunderous bang with an intense bright light. Ideal for distracting dangerous suspects during assaults, hostage rescue, room entry or other high-risk arrest situations.

b. Purpose

A distraction device is ideal for distracting dangerous suspects during assaults, hostage rescue, room entry or other high-risk arrest situations. To produce atmospheric overpressure and brilliant white light and, as a result, can cause short-term (6 - 8 seconds) physiological/psychological sensory deprivation to give officers a tactical advantage.

c. Authorized Use

Diversionsary Devices shall only be used:

- i. By officers who have been trained in their proper use.
- ii. In hostage and barricaded subject situations.
- iii. In high risk warrant (search/arrest) services where there may be extreme hazards to officers.
- iv. During other high-risk situations where their use would enhance officer safety.
- v. During training exercises.

d. Lifespan

Until used.

e. Fiscal Impact

No annual maintenance.

f. Training

Prior to use, officers must attend divisionary device training that is conducted by Post certified instructors.

g. Legal and Procedural Rules

It is the policy of the Department to utilize diversion devices only for official law enforcement purposes, and pursuant to State and Federal law regarding the use of force.

8. Rifles: Guns that are fired from shoulder level, having a long spirally grooved barrel intended to make bullets spin and thereby have greater accuracy over a long distance.

a. Description, quantity, capabilities, and purchase cost

i. COLT TACTICAL CARBINE, MODEL AR-15A3, cost: \$800 (general fund), quantity: 100. A rifle that fires an intermediate-power cartridge (.223) which is more powerful than a standard pistol but less powerful than a standard rifle. Rifle and has a 16" barrel. The magazine holds 30 rounds of ammunition and the rifle has a collapsible stock. The carbine provides officers the ability to engage hostile suspects at distances generally greater than the effective distance of their handguns. Additionally, AR-15 rifles offer advantages over handguns, such as increased accuracy potential and the ability to defeat soft body armor but are not appropriate for every situation.

ii. COLT TACTICAL CARBINE, MODEL M16, cost: \$800 (general fund), quantity: 4. A rifle that fires an intermediate-power cartridge (.223) which is more powerful than a standard pistol but less powerful than a standard rifle. Rifle and has a 11.5" barrel. The magazine holds 30 rounds of ammunition and the rifle has a collapsible stock. The carbine provides officers the ability to engage hostile suspects at distances generally greater than the effective distance of their handguns. Additionally, AR-15 rifles offer advantages over handguns, such as increased accuracy potential and the ability to defeat soft body armor but are not appropriate for every situation. Used by the Special Weapons and Tactics Team.

iii. SIONICS WEAPONS SYSTEMS, MODEL SHORT BARREL RIFLE (SBR) LE, cost: \$ 1500 (general fund), quantity: 7. A rifle that fires an intermediate-power cartridge (.223) which is more powerful than a standard pistol but less powerful than a standard rifle. Rifle and has a 11.5" barrel. The magazine holds 30 rounds of ammunition and the rifle has a collapsible stock. The carbine provides officers the ability to engage hostile suspects at

distances generally greater than the effective distance of their handguns. Made out of aluminum with an ambidextrous safety selector and charging handle. Used by the Special Weapons and Tactics Team.

iv. HECKLER & KOCH, MODEL MP5A3, cost: \$1000 (general fund), quantity: 7. A submachine gun chambered in 9mm it is universally applicable making it useable in all areas and under all conditions. The magazine holds 30 rounds of ammunition and allows officers the ability to engage hostile suspects at distances generally greater than the effective distance of their handguns. Used by the Special Weapons and Tactics Team.

v. REMINGTON, MODEL 700P BOLT ACTION RIFLE, cost: \$0 (personal weapons donated by prior SWAT officers), quantity: 3. A semi-automatic shoulder-fired rifle with precision optics that fires a .308 Winchester cartridge. The .308 rifle provides SWAT Snipers the ability to engage hostile suspects at great distances with accuracy. The .308 rifles are used exclusively by officers assigned to the SWAT Sniper Team. These rifles are typically deployed with the SWAT Sniper Team during high risk SWAT operations and special events or instances wherein Sniper Over Watch Teams are needed.

vi. REMINGTON, MODEL 700 SPS TACTICAL BOLT ACTION RIFLE, cost: \$0 (personally owned rifle, Owner Applied Number (OAN): SRL302-1), quantity: 1. A semi-automatic shoulder-fired rifle with precision optics that fires a .308 Winchester cartridge. The .308 rifle provides SWAT Snipers the ability to engage hostile suspects at great distances with accuracy. The .308 rifles are used exclusively by officers assigned to the SWAT Sniper Team. These rifles are typically deployed with the SWAT Sniper Team during high risk SWAT operations and special events or instances wherein Sniper Over Watch Teams are needed.

vii. REMINGTON, MODEL 700 SPS TACTICAL BOLT ACTION RIFLE, cost: \$0 (personally owned rifle, OAN: SRL319-1), quantity: 1. A semi-automatic shoulder-fired rifle with precision optics that fires a .308 Winchester cartridge. The .308 rifle provides SWAT Snipers the ability to engage hostile suspects at great distances with accuracy. The .308 rifles are used exclusively by officers assigned to the SWAT Sniper Team. These rifles are typically deployed with the SWAT Sniper Team during high risk SWAT operations and special events or instances wherein Sniper Over Watch Teams are needed.

viii. REMINGTON, MODEL 700 PSS BOLT ACTION RIFLE, cost: \$0 (personally owned rifle, OAN: SRL289-1), quantity: 1. A semi-automatic shoulder-fired rifle with precision optics that fires a .308 Winchester cartridge. The .308 rifle provides SWAT Snipers the ability to engage hostile suspects at great distances with accuracy. The .308 rifles are used exclusively by officers assigned to the SWAT Sniper Team. These rifles are typically

deployed with the SWAT Sniper Team during high risk SWAT operations and special events or instances wherein Sniper Over Watch Teams are needed.

ix. RUGER PRECISION RIFLE, MODEL 18028 BOLT ACTION RIFLE, cost: \$0, (personally owned rifle, OAN: SRL302-2), quantity: 1. A semi-automatic shoulder-fired rifle with precision optics that fires a .308 Winchester cartridge. The .308 rifle provides SWAT Snipers the ability to engage hostile suspects at great distances with accuracy. The .308 rifles are used exclusively by officers assigned to the SWAT Sniper Team. These rifles are typically deployed with the SWAT Sniper Team during high risk SWAT operations and special events or instances wherein Sniper Over Watch Teams are needed.

x. RUGER PRECISION RIFLE, MODEL 18028 BOLT ACTION RIFLE, cost: \$0, (personally owned rifle, OAN: SRL319-2), quantity: 1. A semi-automatic shoulder-fired rifle with precision optics that fires a .308 Winchester cartridge. The .308 rifle provides SWAT Snipers the ability to engage hostile suspects at great distances with accuracy. The .308 rifles are used exclusively by officers assigned to the SWAT Sniper Team. These rifles are typically deployed with the SWAT Sniper Team during high risk SWAT operations and special events or instances wherein Sniper Over Watch Teams are needed.

xi. Colt M16A1 RIFLE, cost: \$0 (1033 program), quantity: 15. Received from the military and converted to semi-automatic AR-15. (4) are currently in use in the Traffic Safety Unit. The traffic safety unit utilizes converted rifles to enhance the tactical capabilities when on their motorcycles to augment their service pistols when needed. (7) are in use by the Honor Guard for ceremonial display. Honor Guard members are sworn peace officers who have been specially chosen from all divisions of the department. Duties include providing funeral honors for officers who have been killed in the line of duty or other ceremonial duties as assigned. (4) are currently not in use.

xii. FEDERAL AMERICAN EAGLE 9MM LUGER, 147 GRAIN (GR) FULL METAL JACKET, cost: \$20 per box (general fund), quantity: 250 boxes. This Federal American Eagle 9mm Luger ammunition is loaded with a 147 grain Full Metal Jacket bullet. The Full Metal Jacket bullet is for range practice and reducing fouling in the barrel. The jacket extends from the nose to the base, preventing bullet expansion and barrel leading. This ammunition is new production, non-corrosive, ammo, featuring brass cases, boxer primed and is reloadable.

xiii. FEDERAL .223 55GR RIFLE ROUND, cost: \$20 per box (general fund), quantity: 1150 cases. Federal 223 Remington ammo features a lead core 55 Grain Full Metal Jacket bullet that is nonmagnetic, non-corrosive boxer primer and new virgin brass casing that can be reloaded up to seven times for those high volume 223 ammo shooters that

love to reload their 223 Remington ammunition. The Federal American Eagle 223BL ammo offers muzzle velocity of 3240 feet per second and muzzle energy of 1282 ft lbs.

xiv. HORNADY .223 55GR RIFLE ROUND, TAP URBAN, cost: \$20 per box (general fund), quantity: 110 cases. The preferred choice for use in SBRs, carbines, and rifles when the probability for barrier penetration is low. The TAP round offers high velocity in shorter barreled firearms with an increase in penetration and weight retention. These factors make this bullet a great choice when collateral risk is high.

xv. HORNADY .308 WINCHESTER 155GR RIFLE ROUND, A-MAX TAP, cost: \$26 per box (general fund), quantity: 15 cases. This law enforcement cartridge offers match accuracy with a high ballistic coefficient providing superior long-range performance. This load demonstrates expansion and fragmentation similar to the 110 gr. load, but with a noticeable increase in penetration and retained bullet weight. This bullet penetrates glass with minimal deflection and exhibits excellent expansion and fragmentation characteristics.

b. Purpose

To be used as precision weapons to address a threat with more precision and/or greater distances than a handgun, if present and feasible.

c. Authorized Use

Only members that are POST certified and departmentally trained are authorized to use a rifle they have been trained on.

d. Lifespan

Colt AR-15A3 – no expiration

Colt Model M16 – no expiration

Sionic SBR – no expiration

MP5 – no expiration

Remington 700 – no expiration

Remington 700 SPS Tactical – no expiration

Ruger Precision Rifle – no expiration

Colt M16A1 rifle converted to semi-automatic AR-15- no expiration.

Federal American Eagle 9mm Luger 147 Grain FMJ- no expiration.

Federal .223 FMJ- no expiration.

Hornady .223- no expiration.

Hornady .308- no expiration.

e. Fiscal Impact

Annual maintenance is approximately \$50 for each rifle. Personally owned weapons are maintained at owners cost.

f. Training

Prior to using a rifle, officers must be certified by POST instructors in the operation of the rifle. Additionally, all members that operate any rifle are required to pass a range qualification at least once a year.

g. Legal and Procedural Rules

It is the policy of the Department to utilize rifles only for official law enforcement purposes, and pursuant to State and Federal law regarding the use of force.

8. Chemical Agent and Smoke Canisters: Canisters that contain chemical agents that are released when deployed.

a. Description, quantity, capabilities, and purchase cost

i. DEFENSE TECHNOLOGY, FLAMELESS TRI-CHAMBER SAF-SMOKE CANISTER, #1033, cost: \$40 (general fund), quantity: 4. The design of the Tri-Chamber Flameless Saf-Smoke allows for the contents to burn within an internal can and disperse the agent safely with reduced risk of fire. Primary designed for indoor tactical situations will deliver about 20-25 seconds of burn time. Was designed for barricaded situations in mind to primarily detect and or dislodge a barricades subject. The purpose of the Tri-Chamber Flameless Saf-Smoke is to minimize the risk to all parties through pain compliance and or incapacitation of potentially violent or dangerous subjects.

ii. DEFENSE TECHNOLOGY, MILITARY-STYLE SAF-SMOKE CANISTER, #1063, cost: \$22 (general fund), quantity: 12. The Saf-Smoke canister was designed for training but may also be used in operations. The Saf-Smoke offers the same burn times as other smoke canisters making it an appropriate choice for training or simulation deployment of chemical agent canisters.

iii. DEFENSE TECHNOLOGY, MAXIMUM HC SMOKE MILITARY STYLE CANISTER, #1083, cost: \$30, quantity: 8. The Riot Control smoke is designed specifically for outdoor use in riotous situations with a high volume continuous burn that expels its payload in approximately 20-40 seconds through four gas ports located on the top of the canister. The smoke can be used to conceal tactical movement. The volume of smoke and agent is vast and obtrusive.

iv. DEFENSE TECHNOLOGY, HAN-BALL GRENADE, CN, #1091, cost: \$40 (general fund), quantity: 5. The Han-Ball Grenade is a launchable grenade and is a maximum effect device that delivers three stimuli for psychological and physiological effects: light, sound and CS. This grenade is a launchable and combines loud report and flash with effects of chemical agents making it suitable for riot control situations.

v. DEFENSE TECHNOLOGY, HAN-BALL GRENADE, CS, #1092, cost \$40 (general fund), quantity: 50. The Han-Ball Grenade is a launchable grenade and is a maximum effect device that delivers three stimuli for psychological and physiological effects: light, sound and CS. This grenade is a launchable and combines loud report and flash with effects of chemical agents making it suitable for riot control situations.

iv. DEFENSE TECHNOLOGY, FLAMLESS EXPULSION GRENADE, INERT, #2043, cost: \$40 (general fund), quantity: 3. The Inert Flameless Expulsion Grenade is a training device that will allow team members to deploy the grenade without effecting roll players. This compact, non-pyrotechnic, inert powder device provides safe expulsion without risk of fire. Unlike pyrotechnical grenades, this device's contents are expelled upon actuation of a CO2 cartridge that will affect a confined area of approximately 1500 square feet.

b. Purpose

To limit the escalation of conflict where employment of lethal force is prohibited or undesirable situations for use of the less lethal weapon systems may include, but are not limited to:

- i. Self-destructive, dangerous and/or combative individuals.
- ii. Riot control and civil unrest incidents.
- iii. Circumstances where a tactical advantage can be obtained.
- iv. Potentially vicious animals.
- v. Training exercises or approved demonstrations.

c. Authorized Use

Only officers who have received POST certification in the use chemical agents are authorized to use chemical agents.

d. Training

Sworn members utilizing chemical agent canisters are certified by POST less lethal and chemical agents instructors.

e. Lifespan

5 years from manufacturing date.

f. Fiscal Impact

No annual maintenance

g. Legal and Procedural Rules

It is the policy of the Department to utilize chemical agents only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.

9. Explosive Breaching Tools: Tools that are used to conduct an explosive breach.

a. Description, quantity, capabilities, and purchase cost

i. PRIMACORD (UN0065), cost: \$2 per foot (general fund), quantity: 3000 feet. PRIMACORD is a detonating cord that is a thin, flexible plastic tube usually filled with pentaerythritol tetranitrate (PETN, pentrite). With the PETN exploding at a rate of approximately 6400m/s, any common length of detonation cord appears to explode instantaneously. It is a highspeed fuse which explodes, rather than burns, and is suitable for detonating high explosives. Explosive entry is a non-lethal force option, but it should only be used when you can justify that spending any length of time in front of a door with a mechanical breach would be too dangerous for the officer conducting the breach or that mechanical breaching would fail on a reinforced objective.

ii. NONEL LEAD LINE (#UN0349), cost: \$1 (general fund), quantity: 5000 feet. NONEL LEAD LINE provides maximum flexibility to the blaster in choosing a position of safety from which to initiate nonelectric blast rounds in either underground or surface applications. LEAD LINE propagates a low energy signal, similar to a dust explosion, at approximately 6500 ft/sec (2000 m/sec) along the tubes length with minimal disturbance to the outside of the tube.

iii. NONEL DETONATOR ASSEMBLY, NON-ELECTRIC (#UN0361), cost: \$15 (general fund), quantity: 120. A detonator assembly is a small sensitive primary explosive device generally used to detonate a larger, more powerful and less sensitive secondary explosive such as a plastic explosive. Detonator assemblies come in a variety of types, including non-electric caps, electric caps, and fuse caps.

b. Purpose

To safely gain entry into a structure.

c. Authorized Use

Explosive breaching may only occur after authorization by the Incident Commander or SWAT Commander in the field, and during training exercises.

d. Lifespan

Blasting Caps- 10 years
Detonating cord- 10 years
Lead Line- 10 years

e. Fiscal Impact

There is no fiscal impact.

f. Training

All officers who use explosive breaching tools shall attend 40 hours of explosive breaching instruction and must additionally receive quarterly training for explosive operations.

g. Legal and Procedural Rules

It is the policy of the Department to utilize breaching tools only for official law enforcement purposes, and pursuant to State and Federal law.